

Amendments to the Claims

This listing of the claim replaces all previous listings of the claims.

1. (Currently Amended) A room-bounding structure comprising:

a first rigid sheet, which is substantially impermeable to moisture; and
a spacer protrusion extending from a first surface of the first rigid sheet, the protrusion being rigidly formed from the first rigid sheet,

wherein contact between the spacer protrusion and a second rigid surface sheet forms an air channel on the first surface side of the first rigid sheet for ventilating air through the structure, such that air between the first surface side of the first rigid sheet and the second rigid surface sheet has moisture content sufficiently low to inhibit fungal growth.

2. (Currently Amended) A structure according to claim 1 ~~further~~ comprising a plurality of spacer protrusions distributed over the area of the first rigid sheet.

3. (Currently Amended) A structure according to claim 1 further comprising: a distribution duct with at least one opening for introducing ventilating air to the structure and into the air channel.

4. (Original) A structure according to claim 3, wherein the distribution duct introduces ventilating air from a dry interior space of a building.

5. (Original) A structure according to claim 3, wherein the distribution duct includes a plurality of openings with progressively changing sizes configured to minimize dead space in the air channel.

6. (Original) A structure according to claim 3, wherein the distribution duct includes a plurality of openings, the openings ordered to be progressively closer to one another to minimize dead space in the air channel.

7. (Currently Amended) A structure according to claim 3 further comprising: a collection duct with at least one opening for removing ventilating air from the structure, wherein the distribution duct is located at an edge of the structure and the collection duct is located at an edge of the structure which is on the opposite side of the air channel from the distribution duct.

8. (Original) A structure according to claim 7, wherein the structure is at least part of a wall structure, and the distribution duct is arranged in a lower part of the wall structure and the collector duct is arranged in an upper part of the wall structure.

9. (Withdrawn) A structure according to claim 7, wherein the structure is part of a wall structure, and the distribution duct is arranged in an upper part of the wall structure and the collector duct is arranged in a lower part of the wall structure.

10. (Original) A structure according to claim 1 further comprising: a collector duct with at least one opening for removing ventilating air from the structure.

11. (Original) A structure according to claim 10, wherein the collector duct removes ventilating air from the structure to a mechanical air extractor.

12. (Original) A structure according to claim 11, wherein the collector duct removes ventilating air from the structure to a mechanical air extractor that also ventilates air from a bathroom.

13. (Original) A structure according to claim 10, wherein the collection duct includes a plurality of openings with progressively changing sizes configured to minimize dead space in the air channel.

14. (Original) A structure according to claim 10, wherein the collection duct includes a plurality of openings, the openings ordered to be progressively closer to one another to minimize dead space in the air channel.

15. (Currently Amended) A structure according to claim 1, wherein the second rigid surface sheet comprises spacer protrusion is in contact with mineral board.

16. (Currently Amended) A structure according to claim 1, wherein the second rigid surface sheet comprises spacer protrusion is in contact with coated steel plate.

17. (Currently Amended) A structure according to claim 1, wherein the structure includes a wall and at least one of a floor and ceiling, wherein the structure of claim 1 forms one of the wall, floor or ceiling.

18. (Currently Amended) A structure according to claim 1 further comprising: a second spacer protrusion on a second surface of the first rigid sheet, wherein contact between the second spacer protrusion and third another rigid surface sheet forms an second air channel on the second surface side of the first rigid sheet.

19. (Currently Amended) A structure according to claim 18, wherein the spacer protrusion on the second surface is rigidly formed from the first rigid sheet.

20. (Currently Amended) A structure according to claim 18, wherein the spacer protrusion on the second surface is an edge flange bent into the edge of the third another rigid surface sheet.

21. (Currently Amended) A structure according to claim 18 further comprising a plurality of spacer protrusions on the second surface distributed over the area of the first rigid sheet.

22. (Currently Amended) A structure according to claim 18, wherein the third rigid surface sheet comprises spacer protrusion on the second surface is in contact with mineral board.

23. (Currently Amended) A structure according to claim 18, wherein the third rigid surface sheet comprises spacer protrusion on the second surface is in contact with at least part organic

building board.

24. (Currently Amended) A structure according to claim 18, wherein the third rigid surface sheet comprises ~~spacer protrusion on the second surface is in contact with~~ coated steel plate.

25. (Original) A structure according claim 1 further comprising: an attachment flange connected to an edge of the first rigid sheet, and configured to attach to an adjacent structure to form a rigid unified structure.

26. (Withdrawn) A structure according to claim 1 further comprising: a sensor capable of providing a measure of the moisture content of the ventilating air.

27-46. (Canceled)